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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**(use as many sheets as necessary) **#4****Complete if Known**

Application Number	09/960,715
Filing Date	April 27, 2000
First Named Inventor	Rich et al.
Group Art Unit	2878
Examiner Name	Unassigned
Attorney Docket Number	16866-0028100

Examiner Initials*	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	5,955,729		Nelson et al.	09/21/1999	
AB	5,196,302		Kidwell	03/23/1993	
AC	5,118,937		Hillenkamp et al.	06/02/1992	
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AQ	5,393,430		Giro et al.	02/28/1995	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AW	SA	WO	99/36576			09/22/1999		
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AAA	SA	WO	97/09608			03/13/1997		

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Signature*Shuba Ahmed*Date
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Examiner Name	Unassigned
Attorney Docket Number	16866-0028100

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Sheet 1 of 2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AAB	Sensor Chip CMS; website: http://www.biocore.com/products/sc_cms.html	
	AAC	Microsphere Selection Guide, December, 1998, Bangs Laboratories, Inc., Fishers, IN, pp. 1-8	

References not provided

Examiner Signature

Shirley Ahmed

Date Considered

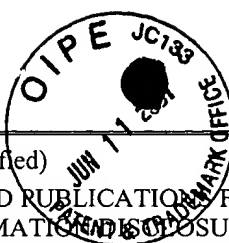
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION AND DISCLOSURE STATEMENT (Use several sheets if necessary)	Attorney Docket No.: 16866-002810US	Application No.: 09/560,715
	Applicant: Rich et al.	
	Filing Date: April 27, 2000	Group: 2878

Reference Designation				U.S. PATENT DOCUMENTS		Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
SA AA	4,721,647	Jan. 26, 1988	Nakanishi <i>et al.</i>	428	283	May 29, 1986
SA AB	4,446,261	May 1, 1984	Yamasaki <i>et al.</i>	524	40	Mar. 22, 1982
SA AC	4,367,323	Jan. 4, 1983	Kitamura <i>et al.</i>	526	201	Dec. 2, 1981
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SA AR	60/075,698	---	Taylor <i>et al.</i>	---	---	Jan. 21, 1998

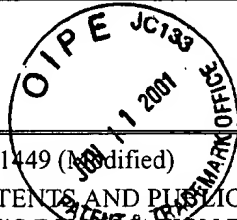
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AS	GB 2 156 074	2 October 1985	Great Britain	G01N	33/53	No
AT	WO 95/25116	21 September 1995	PCT	C07H	21/00	No
AU	WO 95/35505	28 Dec. 1995	PCT	G01N	33/543	No
AV	WO 90/05305	17 May 1990	PCT	G01N	33/543, 33/563	No
AW	WO 90/05295	17 May 1990	PCT	G01N	21/17	No
AX	GB 2 236 185	03 27 1991	Great Britain	G01N	37/00	No

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AY	Khrapko <i>et al.</i>, "A method for DNA sequencing by hybridization with oligonucleotide matrix," DNA Sequence-L
AZ	Frank, "Strategies and Techniques in Simultaneous Solid-Phase Synthesis Based on the Segmentation of Membrane
BA	Type Supports," Bioorganic and Medicinal Chemistry Letters, 3(3): 425-430 (1993)
	Lofas and Johnsson, "A Novel Hydrogel Matrix on Gold Surfaces in Surface Plasmon Resonance Sensors for Fast and Efficient
	Covalent Immobilization of Ligands," J. Chem. Soc. Chem. Commun. (1990), 1526-1528.

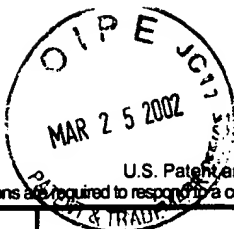
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Not
providedReferences
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provided



FORM PTO-1449 (Modified)		Attorney Docket No.: 16866-002810US	Application No.: 09/560,715
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Rich et al.	
		Filing Date: April 27, 2000	Group: 2878
BB	Jonsson et al. "Comparison of methods for immobilization to carboxymethyl dextran sensor surfaces by analysis of the specific activity of monoclonal antibodies." J. Mol. Recognit. (1995) Jan-Apr: 8(1-2): 125-131.		
BC	Jonsson et al. "Real-time biospecific interaction analysis using surface plasmon resonance and a sensor chip technology." Biotechniques (1991) Nov; 11(5): 620-627.		
BD	Jonsson et al. "Immobilization of proteins to a carboxymethyl dextran modified gold surface for biospecific interaction analysis in surface plasmon resonance sensors." Anal. Biochem. (1991) Nov 1; 198(2): 268-277.		
BE	Merrill et al. (1996) Hydrogels in Medicine and Pharmacy, Vol. III, Ed. Peppas NA, Chapter 1, CRC Press		
EXAMINER	Shuba Ahmed		
	DATE CONSIDERED 1/23/03		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3**

of

Complete If Known

Applicati n Numb r	09/560,715
Filing Dat	April 27, 2000
First Named Inventor	Rich, William E.
Group Art Unit	2878
Examiner Name	
Attorney Docket Number	016866-002810US

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA					
	AB					
	AC					
	AD					

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AE							
	AF							
	AG							

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SA	AH	Bearinger, J. P., et al., "Biomolecular modification of p(AAm-co-EG/AA) IPNs supports osteoblast adhesion and phenotypic express," J. Biomater. Sci. Polymer Edn., 9(7):629-652 (1998)	
	AI		
	AJ		
	AK		

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Signature

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